

# APPLIED MATHEMATICS AND COMPUTATION

## VOLUME 66

- D. DE FALCO, M. FRONTINI, AND L. GOTUSSO  
Recent Results on the Regularization of Fourier Polynomials ..... 1
- GARY W. HOWELL  
Efficient Computation of Eigenvalues of Randomly Generated  
Matrices ..... 9
- ANJULA SAXENA AND EZIO VENTURINO  
Solving Two-Point Boundary Value Problems by Means of Deficient  
Quartic Splines ..... 25
- CHEN JING  
Alternating Block Crank-Nicolson Method for the 3-D Heat  
Equation ..... 41
- C. CALUDE, H. JÜRGENSEN, AND M. ZIMAND  
Is Independence an Exception? ..... 63
- M. ISHAQ BHATTI  
Assessment of Hepatic Extraction of Insulin by Testing the  
Small Sample Mean Correlation Coefficient ..... 77
- F. M. HADY AND R. A. MOHAMED  
Mixed Convection-Radiation Interaction Heat Transfer in  
Boundary-Layer over a Semi-Infinite Flat Plate Embedded in  
Porous Medium with a Transfer Magnetic Field ..... 103
- JIRI FRIDRICH AND JAMES F. GEER  
Reconstruction of Chaotic Orbits Under Finite Resoluton ..... 129
- CHANG JIN JIANG  
A Method for Finding the Periodic Solution of Autonomous  
Ordinary Differential Equations ..... 161
- MEHRAN HOJATI  
Using Linear Programming to Seek the Optimum Combination  
of Investment ..... 175

D. L. HICKS, L. M. LIEBROCK, AND Y. WEN Eigenform Error Estimates of Computational Material Dynamics with Shocks. 1.1. Hooke's Law Materials .....	181
M. E. HOSEA AND L. F. SHAMPINE Estimating the Error of the Classic Runge-Kutta Formula .....	217
ERIC KINCANON A Series Solution for the $GV\psi_0$ Term of the Born Series .....	227
DAVID A. CICCİ AND GARY H. BALLARD Sensitivity of an Extended Kalman Filter 1. Variation in the Number of Observers and Types of Observations .....	233
DAVID A. CICCİ AND GARY H. BALLARD Sensitivity of an Extended Kalman Filter 2. Variation in the Observation Error Levels, Observation Rates, and Types of Observations .....	247
J. M. SORIANO Extremum Points of a Convex Function .....	261
H. A. H. ABOU STEIT Cubic Spline on Quintic Spline Method for Nonlinear Boundary Value Problems .....	267
K. SELVAKUMAR A Computational Method for Solving Singular Perturbation Problems Using Exponentially Fitted Finite Difference Schemes ....	277
EVGENIOS P. AVGERINOS Optimal Control Problems Involving Optimal Economic Growth with Infinite Horizon .....	293
MAGDI S. MOUSTAFA AND KHALED M. F. EL-SAYED Iterative Solution of the $M^{[2]}/C_2/S/N$ Queues .....	313
ISMAIL BIN MOHD Interval Elimination Method for Stochastic Spanning Tree Problem .....	325
1994 SUBJECT INDEX .....	343
VOLUME CONTENTS	

